

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT (Bill Johnson)
MEETING DATE: July 12, 2006

ITEM 5A

SUBJECT: **Fairfield-Suisun Sewer District, Wastewater Treatment Plant, Fairfield, Solano County** - Amendment of NPDES Permit, Order No. R2-2003-0072

CHRONOLOGY: August 2003 – NPDES permit reissued

DISCUSSION: The Fairfield-Suisun Sewer District discharges advanced-treated effluent from its wastewater treatment to Boynton Slough in Suisun Marsh in accordance with its permit. This Tentative Order amends the District's permit to allow the District to increase its dry weather discharge flows by 6.2 million gallons per day (mgd), and to use a new outfall located on nearby Ledgewood Creek.

This Tentative Order will allow the District to increase its existing discharge from 17.5 mgd to up to 23.7 mgd. This increase is necessary to accommodate future growth in the area. Although most of the discharge will typically flow from the existing Boynton Slough outfall, the ability to discharge to Ledgewood Creek will allow for maintenance of the Boynton Slough outfall, seismic redundancy, and increased wet weather capacity for future flows.

Although there will be an increase in flow, studies predict that there will be no water quality degradation and all water quality standards will be met. Also, no increase in mercury discharges will be allowed because of the permit's performance-based limits.

We received no written comments regarding this Tentative Order.

**RECOMMEN-
DATION:** Adopt the Tentative Order

FILE NUMBER: 2129.2005

APPENDICES: A. Tentative Order
B. Fact Sheet

APPENDIX A

Tentative Order

APPENDIX B

Fact Sheet